

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

21.1757-C-DIV

APPLICATION NO.

09/149,216

FIRST NAMED INVENTOR

Yu MINAKUCHI et al.

FILING DATE

September 8, 1998

GROUP ART UNIT

## REFERENCES CITED BY APPLICANT

OCT 05 1999 (Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	CLASS	FILING DATE
A.M.	AA	5,347,628	09/1994	Brewer et al.		Group 2700	
	AB						
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	<del>AG</del>	<del>3-222033</del>	<del>10-07-91</del>	<del>Japan</del>			<del>X</del>
A.M.	AH	1-314321	12-19-99	Japan			X
	AI						
	AJ						
	AK						
	AL						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	
	AO	

EXAMINER

Amara M. S. J. P.

DATE CONSIDERED

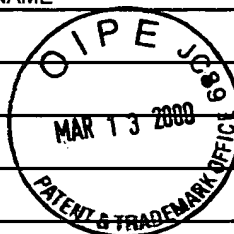
11/5/01

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
A.M	AA	4,954,967	09/990	Takahashi			
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Group 2700

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
A.M	AG	0 404 373	12/1990	European Patent Office			X	
A.M	AH	0 279 652	08/1988	European Patent Office			X	
A.M	AI	0 448 496	09/1991	European Patent Office			X	
A.M	AJ	0 314 395	05/1989	European Patent Office			X	
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	PATENT ABSTRACTS OF JAPAN, Vol. 012, no. 497 (P-806), 26 December 1988 & JP 63 206827 A., 26 August 1988.
AN	
AO	

EXAMINER <i>Amie M. S. J. M.</i>	DATE CONSIDERED 1/5/01
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	AM	<del>PATENT ABSTRACTS OF JAPAN, vol. 011, no. 383 (P-646), 15 December 1987 of JP 62-150477 A (Canon, Inc.), July 4, 1987).</del>
AM	AN	"Virtual Integrated Mouse" IBM TECHNICAL DISCLOSURE BULLETIN, vol. 30, no. 10, March 1988, pages 398-401, XP002129895 IBM Corp. New York, US.
	AO	

EXAMINER <i>Amc Wgpr</i>	DATE CONSIDERED 1/5/01
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
A-M	AG	62-150477	07/1987	Japan			X
A-M	AH	63-206827	08/1988	Japan			X
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	AJ						
	AK						
	AL						

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EXAMINER <i>Amie M. [Signature]</i>	DATE CONSIDERED 1/5/01
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